

State of Wisconsin Department of Transportation

Facilities Development Manual

TABLE OF CONTENTS

Chapter	15	Plan	Pre	paration

		Procedure Number
SECTION	1 - STANDARDS	
0_0	Subject 1 - General	15-1-1
	Subject 3 - Metrics and Plan Preparation	15-1-3
	Subject 4 - Preliminary Plan	15-1-4
	Subject 5 - Sample Plan: Improvement Projects	15-1-5
	Subject 6 - Sample Abbreviated Plan	15-1-6
	Subject 10 - Title Sheet	15-1-10
	Subject 15 - Typical Section Sheet	15-1-15
	Subject 20 - Detail Sheet	15-1-20
	Subject 25 - Estimate of Quantities Sheet	15-1-25
	Subject 30 - Miscellaneous Quantities Sheet	15-1-30
	Subject 35 - Plan and Profile Sheet	15-1-35
	Subject 40 - Computer Earthwork Data Sheet	15-1-40
	Subject 45 - Cross-Section Sheet	15-1-45
SECTION	5 - METHODS	
0_0	Subject 1 - General	15-5-1
	Subject 2 - Cadds Preparation Standards	15-5-2
	Subject 3 - Cadds Directory and File Name Convention	15-5-3
	Subject 4 - Cadds Cell Files and Line Styles	15-5-4
	Subject 5 - Plan Sheet Vehicles	15-5-5
	Subject 10 – Electronic Plans	15-5-10
	Subject 15 – Standard Detail Drawing Spreadsheet	15-5-15
	Subject 25 - Standard Abbreviations	15-5-25
	Subject 30 - Conventional Symbols	15-5-30
SECTION	10 - REVIEW	.0000
5_5511	Subject 1 - Plan-in-Hand Field Inspections	15-10-1
	Subject 5 - Pedestrian Considerations	15-10-5

List of Figures

Procedure	Figure	Title		
15-1-4	1	Scoping Worksheet for Preliminary Plan Checklist		
	1	Sample Title Sheet		
	2	Sample Typical Section Sheet (with other information)		
	3	Sample Typical Section Sheet		
	4	Sample Detail Sheet (general construction details)		
	5	Sample Detail Sheet (project overview)		
	6	Sample Detail Sheet (intersection layout and pavement grades)		
	7	Sample Detail Sheet (interchange drainage and pavement)		
	8	Sample detail Sheet (contour map)		
	9	Sample Detail Sheet (cross section match line)		
	10	Sample Detail Sheet (erosion control)		
15-1-5	11	Sample Detail Sheet (storm sewer plan)		
	12	Sample Detail Sheet (planting)		
	13	Sample Detail Sheet (permanent signing)		
	14	Sample Detail Sheet (lighting)		
	15	Sample Detail Sheet (traffic signal plan)		
	16	Sample Detail Sheet (pavement marking)		
	17	Sample Detail Sheet (traffic control/construction staging)		
	18	Sample Detail Sheet (alignment plan)		
	19	Sample Estimate of Quantities Sheet		
	20	Sample Miscellaneous Quantities Sheets		
	21	Sample Plan & Profile Sheet		
	22	Sample Retaining Wall Plan Sheets		
	23	Sample Computer Earthwork Data Sheet		
	24	Sample Cross Section Sheet		
	1	Sample Title Sheet-Abbreviated Plan		
15-1-6	2	Sample Typical Section Sheet-Abbreviated Plan		
	3	Sample Estimate of Quantities Sheet		
	4	Sample Plan Sheet-Abbreviated Plan		
	1	Signature Blocks for WisDOT Projects		
15-1-10	2	Signature Blocks for Local Road Projects		
	3	Signature Blocks for Consultant-Prepared Plans		
15-1-25	1	Estimate of Quantities (sample)		
15-1-30	1	Sample Miscellaneous Quantities by Category		
15-5-3	1	CADDS File Cabinet Organization Prefixes		
	2	CADDS Project Directory/Project File Name Conventions		
15-5-4	1	CADDS Cell File Contents		
	2	Custom Line Styles		
	1	Title Sheet Plan Vehicles – Construction/Traffic/Maintenance Operations		
15-5-5	2	Plan Sheet Vehicle for Typical Section Sheet and Detail Sheet		

Date July 5, 2005 Page 2

Facilities Development Manual

Procedure	Figure	Title		
	3	Storm Sewer Plan Sheet Vehicle		
	4	Miscellaneous Quantities Sheet Vehicle		
	5	Plan Sheet Vehicle Without Profiile		
	6	Plan Sheet Vehicle for Plan and Profile Sheet - Single Roadway		
45.5.5	7	Plan and Profile Sheet Vehicle - Dual Profile		
15-5-5	8	Cross Section Sheet		
(cont'd)	9	Right-of-Way Title Sheet Vehicle		
	10	Right-of-Way Schedule Sheet Vehicle		
	11	Right-of-Way Layout Sheet Vehicle		
	12	Right-of-Way Detail Sheet Vehicle		
	13	Special Sign Sheet Vehicle		
	14	Earthwork Sheet Vehicle		
	15	Transportation Project Plat Sheet Vehicle		
	1 & 2	Print Optimized Distiller Settings		
15-5-10	3	Title Sheet with Bookmarks		
	4	Sample PDF Document Information		
	1	General Plan Symbols		
	2	Topographic Symbols		
	3	Construction Symbols		
	4	Underground Utility Symbols		
45.5.00	5	Signing, Pavement Marking, Lighting and Signal Symbols		
15-5-30	6	Traffic Control Symbols		
	7	Erosion Control Symbols		
	8	Planting Symbols		
	9	Erosion Control Symbols		
	10	Traffic Control Symbols		

Date July 5, 2005 Page 3